CLAIMS

1. A process for foaming polyurethanes comprising: adding to compositions used to make solid polymers azeotropic or near azeotropic foaming agents compositions as substitutes for CFC 11 to give a homogeneous foam having density of about 30 Kg/cm³, said foaming agent compositions based on di-fluoromethoxy-bis(difluoromethyl ether) and/or 1-difluoro-methoxy-1,1,2,2-tetrafluoroethyl difluoromethyl ether, said foaming agent compositions essentially selected from the group consisting of:

		Composition % by weight
IV)	difluoromethoxy bis(difluoromethyl ether)	1-99
	(HCF ₂ OCF ₂ OCF ₂ H);	
	1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365mfc)	99-1
V)	difluoromethoxy	
	bis(difluoromethyl ether)	1-40
	(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane	99-60
	(CF ₃ CH ₂ CH ₂ CF ₃ , HFC 365ffa)	

wherein the difluoromethoxy-bis(difluoromethyl ether) part contains up to 40% by weight of 1-difluoromethoxy-1,1,2,2-tetrafluoroethyldifluoromethyl ether.

2. The process of claim 1, wherein said foaming agent compositions are selected from the group consisting of:

		composition %
		by weight
IV)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H);	10-98
	1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc)	90-2
V)	difluoromethoxy	
	bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H);	10-40
	1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HCF 356 ffa).	90-60

3. The process of claim 1, wherein said foaming agent compositions are selected from the group consisting of:

0)	diffusion and the same	composition % by weight
D)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H);	60 % by wt.
	1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc)	40 % by wt.
E)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HCF 356 ffa).	20 % by wt. 80 % by wt.

- 4. The process according to claim 1, wherein said compositions are added in amounts in the range 1-15% by weight on the total preparation.
- 5. The process according to claim 1, wherein said compositions are used in combination with H_2O and/or CO_2 .
- 6. The process according to claim 5, wherein the water amount is in the range 0.5-7 parts by weight on one or hundred parts of polyol.
- 7. The process according to claim 5, wherein the CO₂ amount is in the rage 0.6-10 parts by weight on one hundred parts of polyol.
- 8. The process according to claim 5, wherein stabilizers for radicalic decomposition reactions are added, the concentration of which is in the range 0.1-5% by weight with respect to the foaming agent.

9. Polyurethane polymer foaming compositions comprising, as blowing agent substitutes of CFC-11 to give a homogeneous foam having density of about 30 Kg/cm³, foaming agent azeotropic or near azeotropic compositions selected from the group consisting of:

		composition % by weight
IV)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc)	1-99
		99-1
V)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HCF 356 ffa).	1-40
		99-60

wherein the diflouromethoxy-bis (difluoromethyl ether) parts contains up to 40% by weight of 1-difluoromethoxy-1,1,2,2-tetrafluoroethyldifluoromethyl ether.

10. Polyurethane polymer foaming compositions according to claim 9 comprising foaming agent selected from the group consisting of:

		composition % by weight
D)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc)	60 % by wt.
		40 % by wt.
E)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HCF 356 ffa).	20 % by wt.
		80 % by wt.